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Collection & Synthesis of Information on 30 State-Managed Marine Species & Scoping California Fisheries Portal

1. Project objectives

- Collect and synthesize information on 30 state-managed marine species
- Convene a series of multi-interest roundtable discussions to inform the design and development of an online California Fisheries Portal

2. Project cost

- \$190,503 to Fathom Consulting
- \$30,866 to Strategic Earth Consulting

3. Outcomes

- Up-to-date, species-specific information for state marine resources
- Framework for publicly accessible state fisheries information
- Multi-interest stakeholders will inform the design of an online tool to ensure its utility for a range of users



Sort by:

Name


Gear type

Value


Commercial/recreational/both

Finfish/invertebrates


Search




California Hake




Wine Snakes




Bartfish




Purple Noddy




California Spiny Lobster



Spot Prawn



Pink Shrimp



Market Squid

Quick Links:

Marine Life Management Act

Free Guide to the MLMA

The Master Plan for Fisheries

The "Who Manages What?" management matrix

Prioritizing management efforts

California Fisheries Portal: Conceptual draft, example slides (February 2017)



Welcome to the

California Fisheries Dashboard

Information on state managed fisheries under the Marine Life Management Act



Sort by: **Name**


Gear type

Value

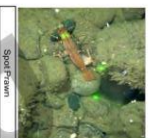
Commercial/recreational/both

Finfish/invertebrates

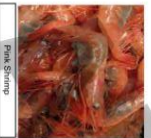
Search




California Spiny Lobster



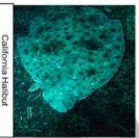
Spot Prawn




Pink Shrimp




Market Squid




California Halibut



Watts Scudworm



Spot Prawn



Pacific Hake

Biology: A Closer Look

- Quick Links:**
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Pacific Pink Shrimp – Biology

2016 Risk Level	2016 Participation	2016 Commercial Value	2016 Landings
Low	15 active vessels	3.7 million dollars (5 th)	8.5 million pounds (4 th)

At a glance **Biology** **The Fishery** **Ecosystem considerations** **Management measures**

Natural history of the species (7080b)



Distribution
Pink shrimp are found all along the west coast of North America, from the Aleutian Islands to San Diego. They are thought to be a single genetic stock throughout their entire range (OST, 2014). Pink shrimp are found at depths of 150 to 1200 feet, but tend to be caught between 250 and 750 feet in California. They are concentrated in well-defined muddy benthic habitats called beds, and the majority of beds with



Research efforts and need

Quick Links:

- Research and partnership opportunities
- Full 2016 Status Report
- Interactive maps
- Timeline and research data

Draft Fishery Overview: Example, Pink Shrimp

Standard Format: Quick orientation to fishery with tabs for more information

"At a Glance"

Pacific Pink Shrimp – At a Glance

2016 Risk Level: Low

2016 Participation: 15 active vessels

2016 Commercial Value: 3.7 million dollars (5th)

2016 Landings: 8.5 million pounds (4th)

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"Biology"

Pacific Pink Shrimp – Biology

2016 Risk Level: Low

2016 Participation: 15 active vessels

2016 Commercial Value: 3.7 million dollars (5th)

2016 Landings: 8.5 million pounds (4th)

Quick Links:

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"The Fishery"

Pacific Pink Shrimp – The Fishery

2016 Risk Level: Low

2016 Participation: 15 active vessels

2016 Commercial Value: 3.7 million dollars (5th)

2016 Landings: 8.5 million pounds (4th)

Quick Links:

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Interactive Data Query and Mapping Function

CA Commercial Market Squid Landings

2000 Fishing Season

Landings in Metric Tons

2000

Market Squid Landings and Value Information

Season	Total Landings (MT)	Seasonal Catch (MT)	% of Seasonal	Commercial Value
2000-01	124,379	124,379	100%	\$24,158,105
2001-02	124,379	124,379	100%	\$24,158,105
2002-03	124,379	124,379	100%	\$24,158,105
2003-04	124,379	124,379	100%	\$24,158,105
2004-05	124,379	124,379	100%	\$24,158,105
2005-06	124,379	124,379	100%	\$24,158,105
2006-07	124,379	124,379	100%	\$24,158,105
2007-08	124,379	124,379	100%	\$24,158,105
2008-09	124,379	124,379	100%	\$24,158,105
2009-10	124,379	124,379	100%	\$24,158,105
2010-11	124,379	124,379	100%	\$24,158,105
2011-12	124,379	124,379	100%	\$24,158,105
2012-13	124,379	124,379	100%	\$24,158,105
2013-14	124,379	124,379	100%	\$24,158,105
2014-15	124,379	124,379	100%	\$24,158,105
2015-16	124,379	124,379	100%	\$24,158,105
2016-17	124,379	124,379	100%	\$24,158,105



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List of 36 State-Managed Marine Species

- | | |
|------------------------------|------------------------------|
| 1. Barred Sand Bass* | 19. High Pacific Angel Shark |
| 2. California Halibut* | 20. Jacksmelt |
| 3. Kelp Bass* | 21. Kelleet's Whelk |
| 4. Pacific Hagfish* | 22. Market Squid |
| 5. Pacific Herring* | 23. Med. Pink Shrimp |
| 6. Spotted Sand Bass* | 24. Night Smelt |
| 7. Barred Surfperch | 25. Ocean Whitefish |
| 8. Bonito | 26. Pismo Clam |
| 9. Brown Rock Crab | 27. Red Abalone |
| 10. Brown Smoothhound Shark | 28. Red Sea Urchin |
| 11. California Barracuda | 29. Redtail Surfperch |
| 12. California Bay Shrimp | 30. Ridgeback Prawn |
| 13. California Sheephead | 31. Shiner Seaperch |
| 14. California Spiny Lobster | 32. Spot Prawn |
| 15. California Corbina | 33. Warty Sea Cucumber |
| 16. Dungeness Crab | 34. White Croaker |
| 17. Geoduck Clam | 35. White Seabass |
| 18. Giant Red Sea Cucumber | 36. White Sturgeon |

*CDFW is leading the development of this Enhanced Status Report



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